ABSTRACT

A tubular baseball bat comprising a substantially full length core shaft of preferably constant cross-section, including a handle portion, and a barrel with a gap or separation between the core shaft and barrel, the core shaft and barrel being connected at two or more locations. Embodiments include bats with long barrels without taper sections, bats with taper sections integral with the barrels, bats with separate taper sections which may be of non-circular cross-section, bats with flexible circumferential connecting structures, bats with folded barrel end portions, and bats with resilient means between the core shaft and barrel. Such bats can have larger hitting areas, larger sweetspots, higher performance, and provide minimal sting to a player's hands.